



**FIG. 1**



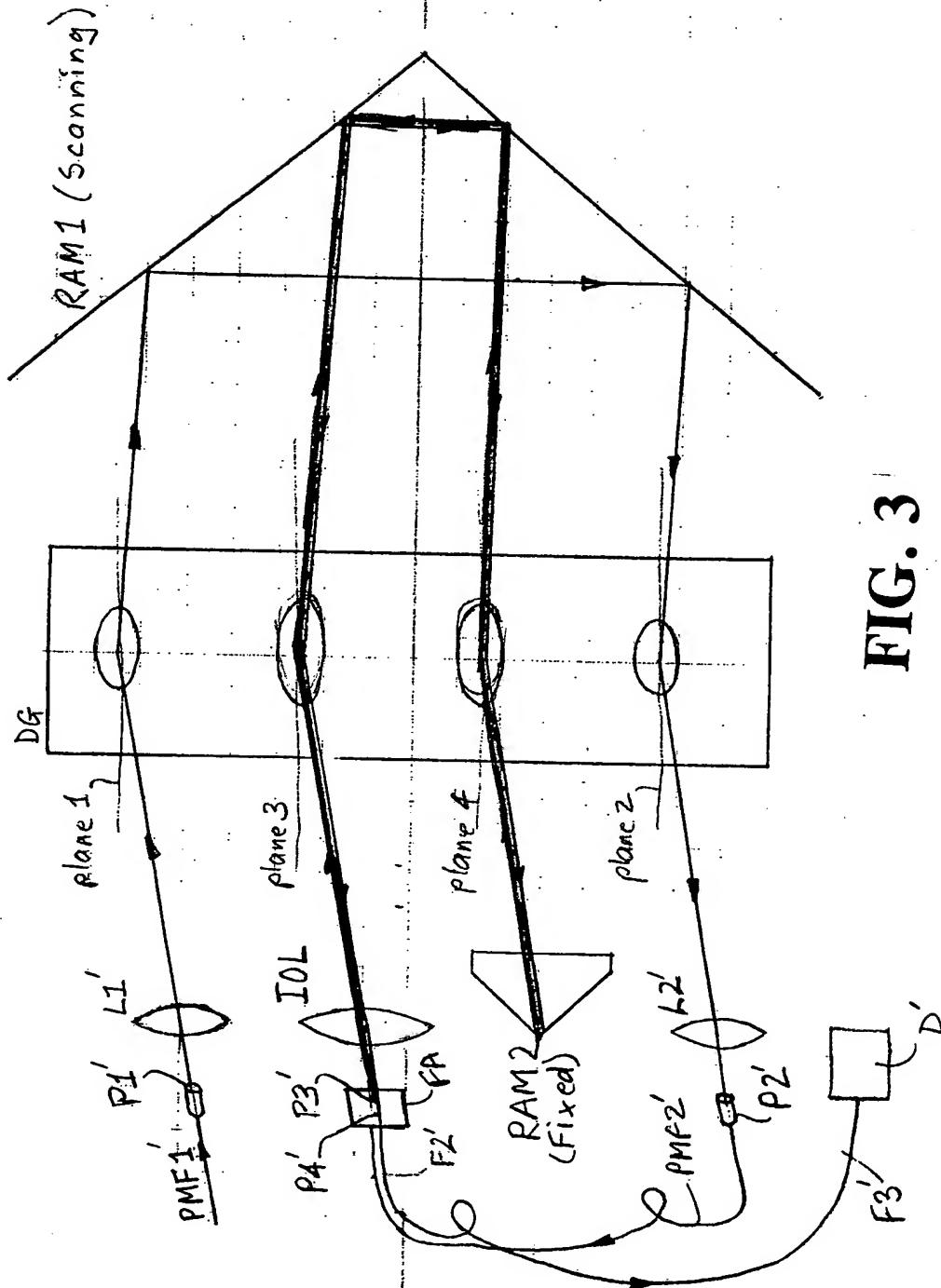


FIG. 3

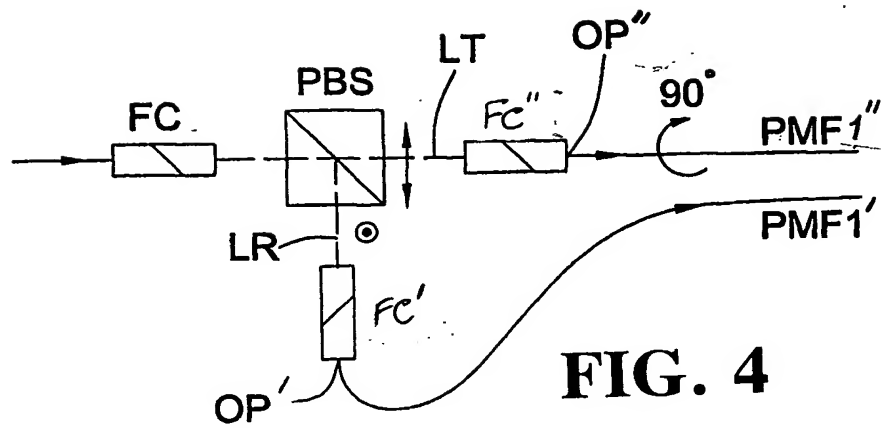


FIG. 4

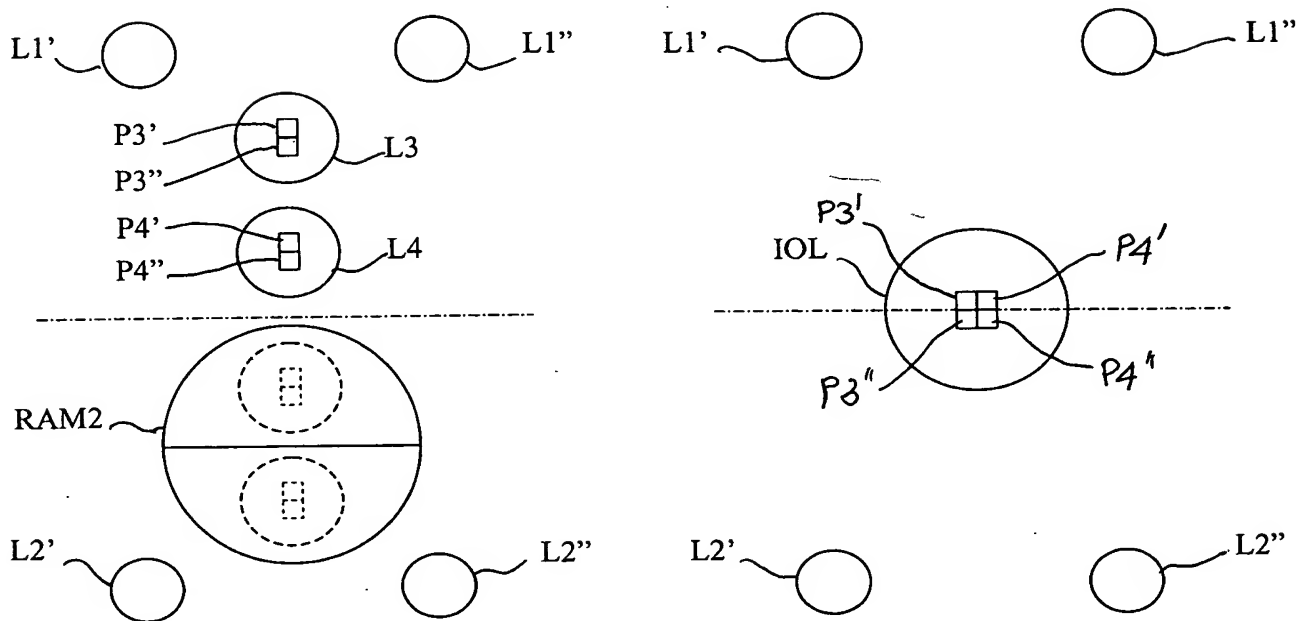
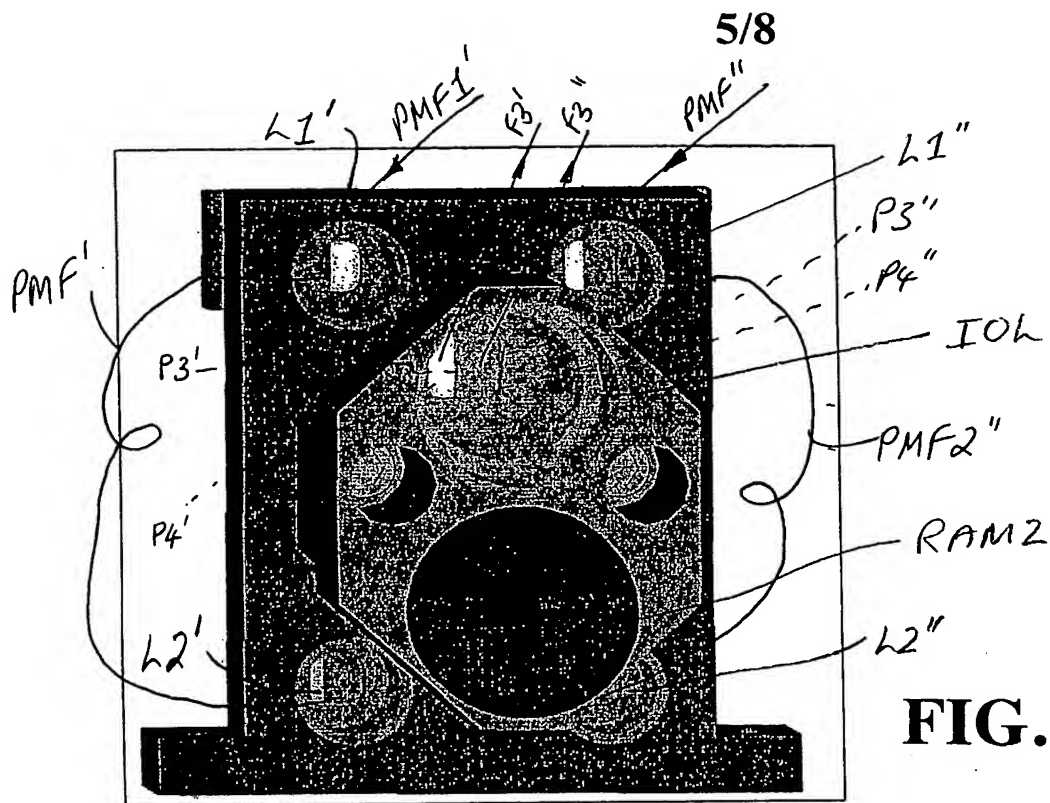


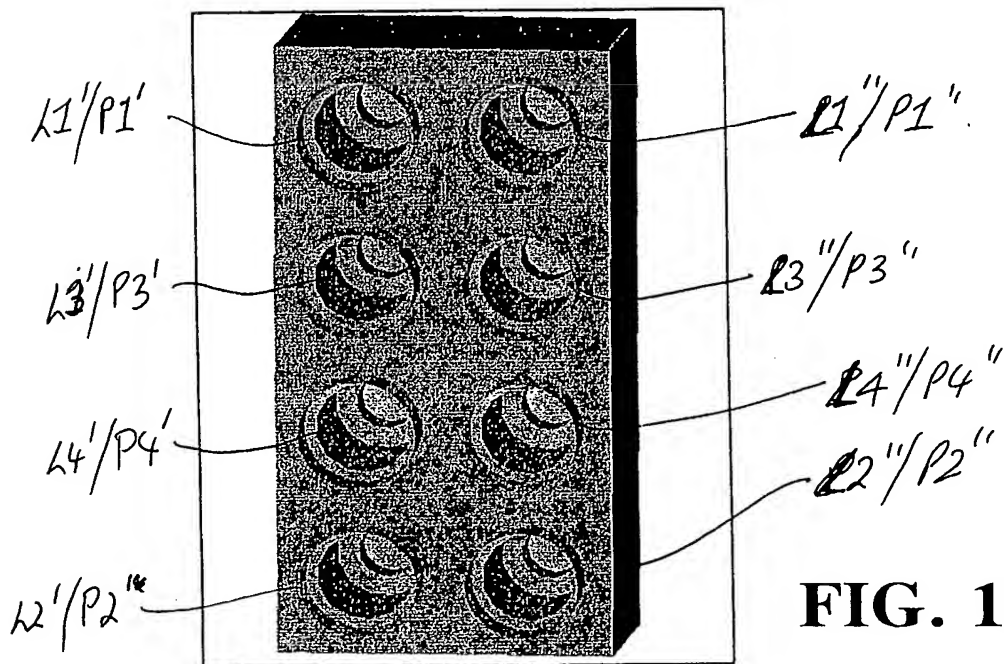
FIG. 6

FIG. 7



**FIG. 5**

Optical bloc with addressing means and collimating and focusing optics



**FIG. 10**

Alternate optical block with addressing means and collimating and focusing optics

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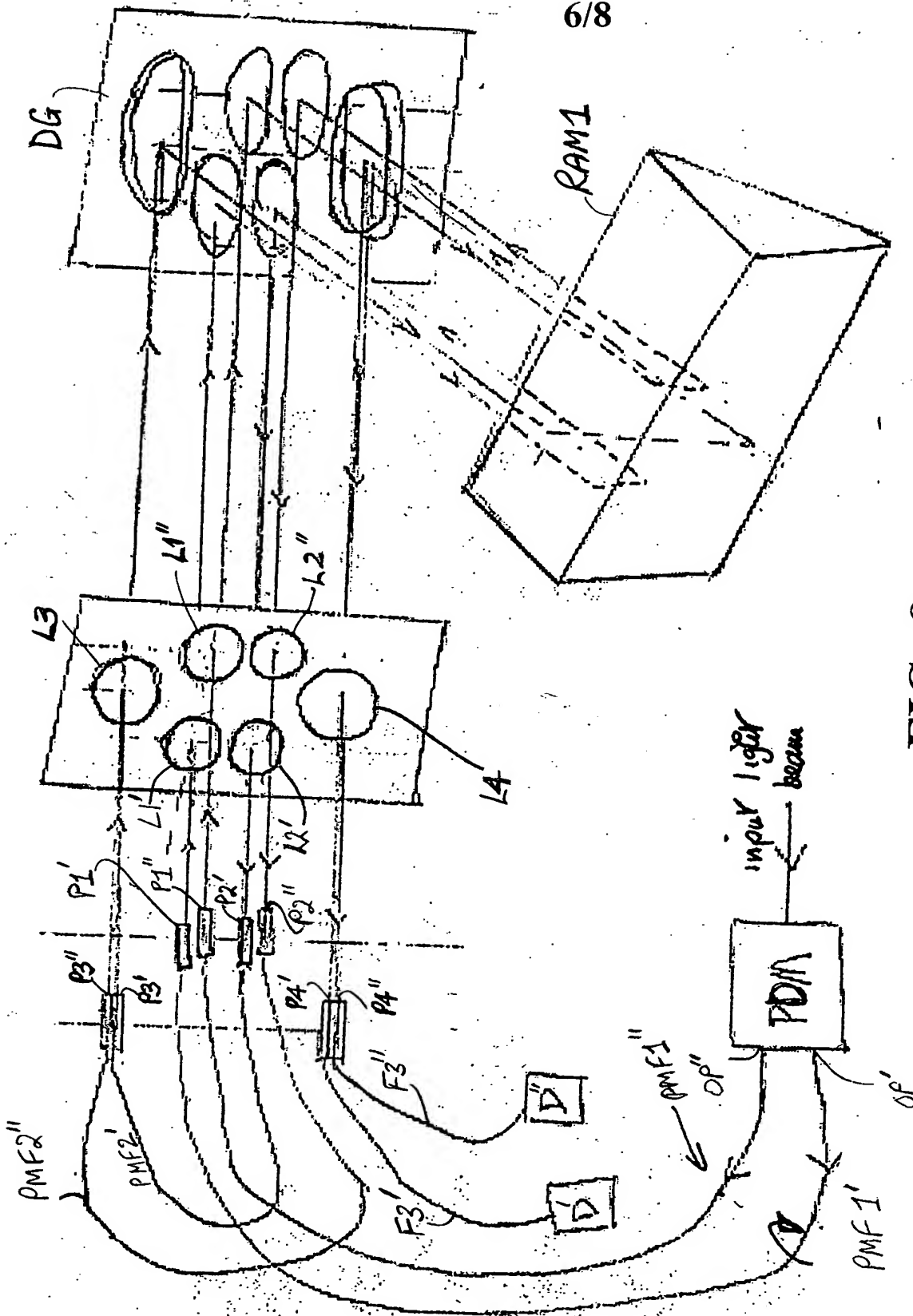
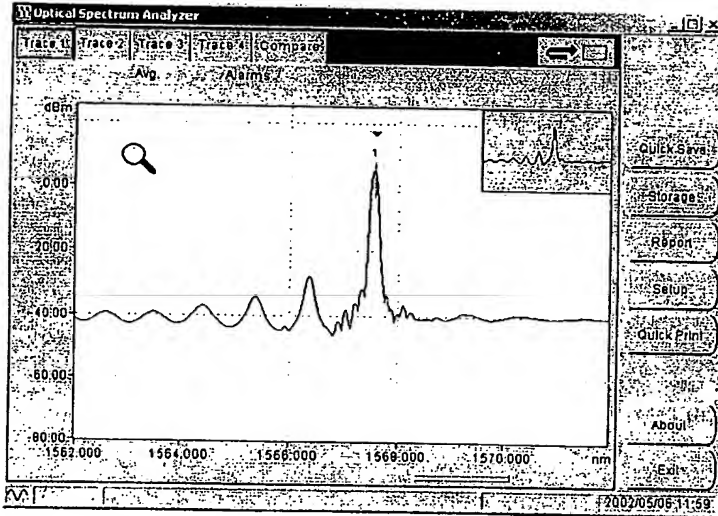
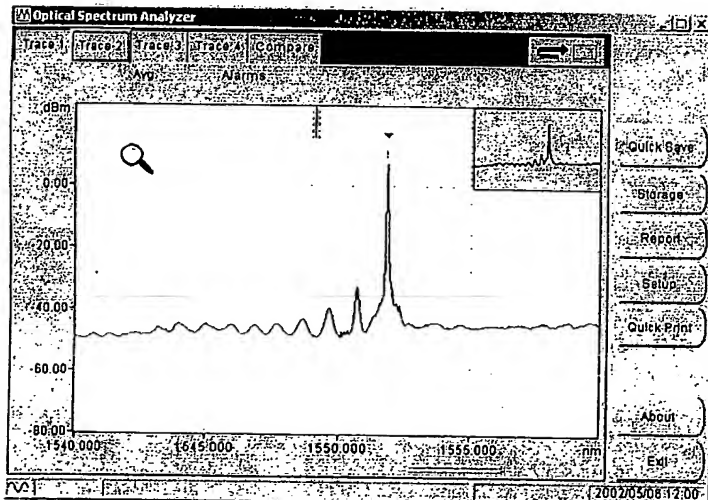


FIG. 9



**FIG. 11**

Linewidth filter response after first series of passages (stage 1 - P1' and P1'' to P2' and P2'')  
~~(processed OF1 and OF2 signal)~~



**FIG. 12**

Linewidth filter response of second series of passages only (stage 2 - P3' P3'' P4' P4'')  
~~(PMT1 and PMT2 to PMT3 and PMT4)~~

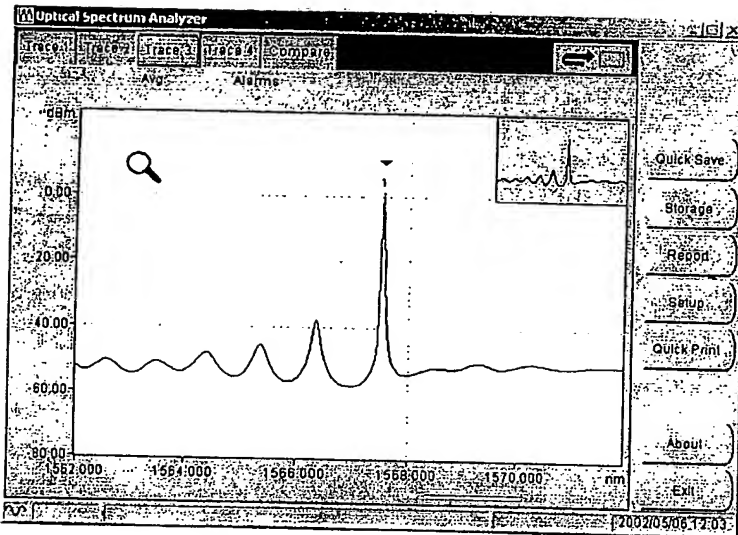


FIG. 13

~~Figure 13~~ Full OSA spectral response (2 series of passages in monochromator, output at  $P4'$  and  $P4''$ )

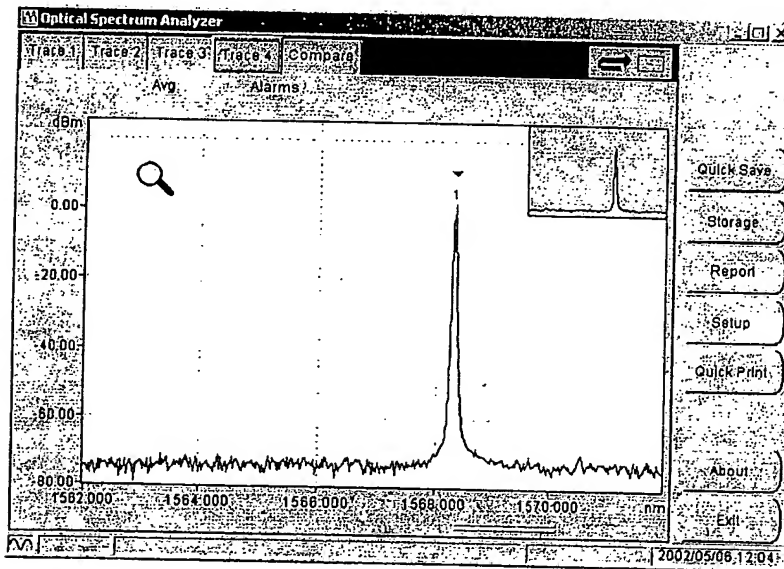


FIG. 14

~~Figure 14~~ Full OSA spectral response showing no optical noise floor limitation; only the presence of an electronic noise floor is visible

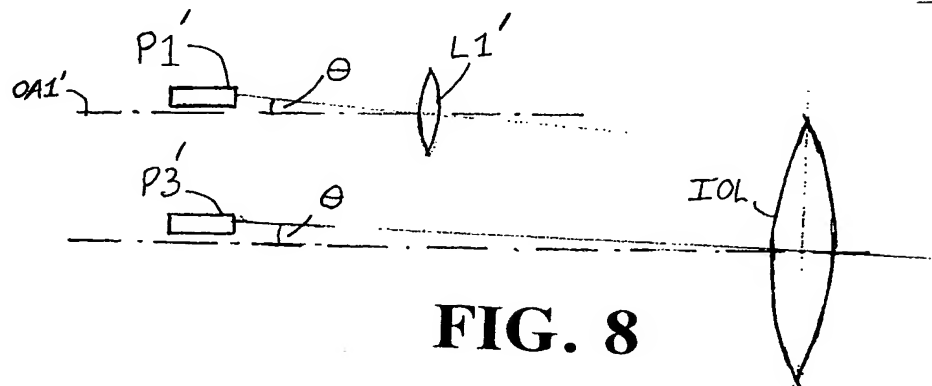


FIG. 8